Virat wishes 'better half' Anushka on 37th b'day: We love you so much more everyday



"better half As his 37 turned Thursday, star crick-Virat penned a mushy note for Anushka Sharma, whom he called his best friend and safe

space. Virat took Instagram, where he shared a picture of himself with his wife Anushka. The image shows the couple warmly embracing each other outdoors in

a natural setting. Virat can be seen wearing a light beige shirt and matching shorts, along with round glasses and a smartwatch. He has a beard and tattoos on his left arm. Anushka is wearing a sleeveless white top with match-

ing white shorts. The two are looking at the camera and smiling. 'To my best friend, my life partner, my safe space, my better half, my everything. You're the guiding

light of all our lives, We love you so much more everyday. Happy birthday my love,' Virat wrote as the cap-

married in 2017 in Tuscany, Italy, amidst family and close friends. They welcomed their firstborn, a daughter named Vamika, in 2021. They had their son, whom they named Akaay, in 2024.

In other news, the couple is moving to London. Bollywood Madhuri actress husband, Dixit's Sriram Nene, spoke about the topic during a chat with YouTuber Ranveer Allahbadia, saying that it was becoming increasingly difficult for both the stars to raise their children in India due to the spotlight.

'They were thinking about moving to London because they can't enjoy their success (here). Anything they do attracts atten-We tion. almost isolated,' become Nene had said in the podcast.

He added, "Anushka and Virat are lovely people who just want to raise their kids normally."

On the acting front, Anushka was last seen on screen in the 2018 film "Zero." She will next be seen in 'Chakda Xpress," a biopic of Jhulan Goswami.

Essay on conservation of nature for students

Nature is one of the most important essays writing topics for students of all classes The need for conservation of nature and various measures for conservation of natural resources are included in the academic syllabus for almost all classes. The essay is written in an easy-to-understand manner, so as to help the kids to learn and remember the important points for writing this essay. Nature is the source of

energy, source of light, source of oxygen, and in turn, source of life. We are nothing without nature and its components. With an increase in human growth and science, we tend to focus on everything but nature. Building bridges, cities, buildings are not only development but also a setback for nature because all we end up doing is cutting off trees, erasing the environ-

ment, and creating a ruckus for nature. Nature has been providing us with everything, be it water, rain, sunlight, oxvgen, shelter, or whatnot. In short, nature is the solution to almost all problems. All we need to do is prevent

the human race from oblit-

erating to further obliterate nature. The process of doing this is generally known as conservation. We need to

conserve nature, we need to conserve life. Conserving nature is one way of storing something fruitful for our future self, or the future generation. It is like investing money in

a bank, which in turn lets you have more than what you invested eventually. To conserve nature would be equal to conversing with the human race. We need to start thinking about it. It might seem like a small or negligent topic to talk about but honestly, nature

There is not much needed to conserve nature. We don't have to give in our everything or leave other things to achieve this one goal, no. All we have to do is take small steps, every day. Small steps like trying to save even one ounce of water each

one plant from your side, or trying to lessen air pollution from your side. Nature doesn't ask much from us. To achieve this goal, we also need to know to have knowledge about a few other things such as our natural resources. Natural resources are classified into two

day, or trying to plant at least

Renewable resources. Renewable resources are

groups, named, Renewable

and Non-RenewableNon

be recharged, such as solar panels, geothermal, and so on. On the other hand, Nonrenewable petrol renewable resources are the ones that cannot be recharged such as fuels, patrol, and so on. We need to let renewable resources overpower non-renewable resources.

The other thing is being aware of the 3Rs technique, i.e., Reduce, Recycle, Reuse. If we pledge to follow these small rules and live by them, we can achieve a lot more than just nature's conser-With an increase in human

growth and science, we tend to focus on everything but not nature. Nature is the source of energy, source of light, source of oxygen, and in turn, source of life. We are nothing without nature and its components. Humans are constantly Building bridges, cities, buildings are not only development but also a setback for nature because all we end up doing is cutting off trees, erasing the environment, and creating a ruckus for nature. When we do something to conserve and protect nature, nature will give tremendous benefits for the survival of human beings on Earth.

GK on Sports [B] Scotland [C] Nepal

1. When was the Athletics Federation of India formed in India?

[B] 1943 [D] 1972 [A] 1936

[C] 1962 2. Which Tennis player

won the Wimbledon men's single title in 2023?

[A] Novak Djokovic [B] Rafael Nadal [C] Carlos Alcaraz

[D] Stephano Tsitsipas 3. Synchro, which was

seen in the news, is associated with which sports?

[A] Shooting [B] Swimming

[C] Archery [D] Cricket

4. Which state of Australia announced not to host 2026 **Commonwealth Games** due to projected exceed-

ing expenditures.? [A] Victoria [B] Queensland

[C] Tasmania [D] New South Wales

5. Which country hosted the Asian Surfing

Championship 2023?

[A] India

[B] Maldives [C] Mauritius

[D] Bangladesh

fifth highest run-scorer in international cricket, after surpassing South Africa's Jacques Kallis? [A] Ravindra Jadeja

6. Which Indian becomes

[B] Rohit Sharma [C] Virat Kohli [D] Shubman Gill sports?

7. Which position was bagged by the Indian shooters as a team in the Junior

World Championship?

[A] First

[B] Second [C] Third [D] Fifth

8. Which city is the host of the 'ODI Cricket World Cup 2023'?

[A] Chennai

[B] Mumbai [C] Ahmedabad [D] Kolkata

9. Which Indian Tennis player won his maiden title on the ATP World Tour- the Mallorca

Championships? [A] Rohan Bopanna

[B] Somdev Devvarman [C] Yuki Bhambri

[D] Ramkumar Ramanathan

10. Which country has knocked out Zimbabwe out of Cricket World Cup?

11. Which country has won the title of 'World Squash Championship'

in 2023? [B] Egypt [D] Japan [A] India [C] China

12. Abhishek Verma, who was seen in the news, is associated with which

[A] Archery

[D] Indonesia

[B] Shooting [C] Tennis

[D] Cricket

13. Which country is the host of the SAFF Championship in 2023?

[B] India

[C] Sri Lanka [D] Bangladesh

14.Sutirtha Mukherjee and Ayhika Mukherjee

are associated with which sports?

[A] Badminton

[B] Tennis [C] Table Tennis

[D] Squash

15.How many medals were won by India in the Special Olympics World Games 2023'?

[C] 303 [D] 404

Answer
1. B, 2. C, 3. B, 4. A, 5. B, 6. C, 7. B, 8. C, 9. C, 10. B, 11. B, 12. A. 13. B. 14. C. 15. B.

Chemistry

is getting worse with every

passing day and we have to

start preserving it today.

1.Which of the following are the most and the least electronegative elements in the periodic table?

[A] Fluorine and Caesium [B] Hydrogen and Helium Cl Carbon and Oxygen [D] Chlorine and Fluorine

 ${\bf 2. Hae matite\,\&\,Magnetite}$ [A] Iron Ores

[B] Copper Ores

[D] Zinc Ores 3. Calcium Magnesium Silicate is commonly called

[C] Manganese Ores

[A] Asbestos

[B] Borax [C] Baking Soda [D] Washing Soda

4. Which of the following is used as a coagulant for removal of phosphates from wastewater?

[A] Aluminium sulphate [B] Iron sulphate

[C] Copper sulphate [D] Potassium chromate

5. Which of the following Anushka and Virat got is the correct order of composition of biogas released through anaerobic bio-digester system?

[A] Methane> Carbon dioxide> Nitrogen> Hydrogen [B] Carbon dioxide> Nitrogen> Methane> Hydrogen

[C] Nitrogen> Hydrogen> Carbon dioxide> Methane



it an additive, which is used in artificial citrus flavoured aerated drinks to give it the cloudy look, so that consumers get deceived because it appears

[C] Iodine [D] Fluorine

7. The patient is instructed to drink which of the following solutions before undergoing radiological examinations?

[A] Barium sulphate

[B] Sodium chloride

8. Which of these states

of matter has the maxi-

[A] Solids [B] Liquids

mum density?

[C] Gases [D] None of the above

9. What do we call the strain produced in a body when the deforming force produces a change in its shape without changing its volume?

[A] Linear Strain [B] Volumetric Strain

[C] Shearing strain [D] Thermal Strain

10. Which of the following compounds is prepared using Contact Process?

[A] Sulphuric Acid [B] Nitric Acid

[C] Hydrochloric Acid [D] Benzene

11. What is the molecular geometry of HgCl2?

[A] Linear B] Trigonal Planar

[C] Tetrahedral [D] Octahedral

12.Choose the correct statement about the covalent character of the ionic pona:

[A] It is directly proportional to the charge on the cation [B] It is inversely proportional to the size of cation

[C] Both a and b [D] None Answer

1. A, 2. A, 3. A, 4. A, 5. A, 6. B, 7. A, 8. A, 9. C, 10. A, 11. A, 12. C. recently seen in news,

1.Recently, who was honored with the 'International Culture

Award 2024'? [A] Rizwana Hasan [B] Meena Charanda

[C] Najla Mangoush [D] Taif Sami Mohammed

2. What is the name of the Iranian fishing vessel which was recently rescued by Indian Navy from

pirates? [A] Bayandor [B] Kaivan

[C] Sahand [D] Al Kambar

3. Point Calimere Wildlife Sanctuary, recently seen in news, is located in which

state? [A] Kerala

[B] Tamil Nadu C] Andhra Pradesh

4.India Gaming Report 2024, recently seen in news, released by which organi-

zation? [A] Interactive Entertainment and Innovation Council and

[B] All Indian Gaming Federation and Enigma

Gaming [C] Indian Digital Gaming Society and BLAZE Esports [D] All Indian Gaming Federation and Dream 11

5.Konda Reddi tribe,

MCQ on miscellaneous

is primarily inhabits in which state of India?

[A] Andhra Pradesh

[B] Odisha [C] Jharkhand

seen in news?

[D] Kerala 6.What is 'J-slab ballastless track system', recently

[A] To analyze the impacts of industrial pollutants on public health

[B] System that promotes agricultural exports at grass-[C] Type of railway track used for high speed trains

7. Mataberi Pera & Pachra, recently got a GI

of infectious disease in rural

[D] To study the prevalence

tag, belongs to which state? [A] Tripura

[B] Assam [C] Mizoram

[D] Nagaland

8.Katchatheevu Island,

recently seen in news, is situated between which two countries?

[A] India and Bangladesh [B] India and Myanmar [C] India and Sri Lanka

[D] Spain and France 9. Recently, how many sites have been added to the

Global Geoparks network?

10.Recently, which two countries have partially joined the Schengen area, the ID-check-free travel

zone in Europe? [A] Poland and Spain

[D] Denmark and Ireland

[B] Asteroid

[C] Exoplanet [D] Black hole

zation? [A] European Union [B] International Labour Organization

[C] United Nations

12.'INTERACT project',

recently seen in news, is

funded by which organi-

Development Programme [D] World Bank 13. Recently, who has

been appointed as India's next ambassador to Niger? [A] Pankaj Saran [B] P. R. Chakraborty

[C] Vikram Misri [D] Sita Ram Meena

14.Who won the 56th National Kho Kho

Championship 2023-24? [A] Uttar Pradesh

[B] Karnataka [C] Maharashtra [D] Madhya Pradesh

15. "A Decade of **Documenting Migrant** Deaths" report, recently

released by which organization? [A] International Labour

Organization (ILO) [B] World Trade Organization (WTO)

[C] International Monetary Fund (IMF) [D] International Organization for Migration

Answer

List of important books

1. Who is the author of the book "Veerappan:

Chasing the Brigand"? [A] Kapish G. Mehra [B] K. Vijay Kumar [C] Shekhar Gupta

2. Who is the author of the book "Army and Nation: The Military and **Indian Democracy since** Independence"?

A] Shiv Kunal Verma

[B] Christophe Jaffrelot

the book "Jobless Clueless

4. Who is the author of

[D] D.R. Karthikeyan

[C] Bruce Riedel [D] Steven Wilkinson 3. Who is the author of

Reckless"? [A] Suzanne Sangi [B] Munal Pawar [C] Himanjali Sankar [D] Revathi Suresh

the book "Lincoln in the Bardo"? [A] Junot Díaz [B] George Saunders [C] Marie Claire

[D] Zadie Smith

5. Who is the author of the book "The Secret Diary of Kasturba"? [A] Neelima Dalmia

[C] Som Sharma [D] Narendra Verma 6. Who is the author of the book 'Matoshree'?

[B] Aruna Chakravarti

[B] Narendra Modi [C] Venkaiah Naidu [D] Sushma Swaraj 7.Who is the author of

[A] Sumitra Mahajan

"Divine Comedy"?

[A] Goethe [B] Milton

8. Who among the following was the author of Jaisalmer ka Gundaraj"?

[D] Arjun Singh Gurjar lowing is the author of the famous book "Silent Spring" which is credited for being of much help in

[A] Ian Lowe [C] Mike Kingsford [D] Rachel Carson

written as a response to the book "Mother India"? [A] Lala Lajpat Rai

11. Who is the author of the book "The Unquiet River: A biography of the Brahmaputra"?

Answer

A, 7. C, 8. B, 9. D, 10. A, 11. C.

ells are regarded as the basic unit of structure

and function in living organisms. They exercise our body's basic functionalities. A cluster of these specialized cells together acts to shape a tissue. Plants and animals have tissues distinct from one another. There are four types of tissues in animals namely: Connective Fabric, Tissue epithelial, Muscle tissues,

Nerve Tissue.

Structure of Nervous Tissue • It consists of nerve cells or neurons, all composed of an axon. Axons are long stem

cesses. · Dendrite is a highly branched mechanism, responsible for receiving information from other neurons and synapses. Dendrites provide information on other neurons to connect with their cell body. Information in the neuron

is unidirectional as it pass-

es from dendrites through

the neurons, down the axon through the cell body. Nervous Tissue Location: The nerve tissue or nervous tissue is the chief component of the two major parts of the nervous tissue the central nervous system (CNS) formed by the spinal cord and the brain, and the peripheral branching nerves of the peripheral nervous system (PNS) that control and regulate the body's func-

located throughout the body in the peripheral nerves as well as in the central nervous system organs such as the spinal cord and brain. Characteristics of **Nervous Tissue:**

· Nervous tissue compen-

sates for nervous system

CNS and PNS

· Contains two different

as a result of stimuli · Presence of axonal terminal specializations called synapsis Nerve cells live long,

Tissue: · Neurons produce nerve impulses and execute certain impulses. They produce electrical signals that are transmitted over distances by secreting neurotransmit-

· Provides electrical insulation and removes debris to nerve cells

other neurons to the cell body

Types of Nerves: The signals generated and initiated in the CNS (central nervous system) typically from the brain and in some cases. the spinal cord, approach the outer edge of sites, such as the internal organs or limbs that are conducting the specified organ of interest in order to take appropriate action.

The functioning of the

nerves is accomplished by

channeling electrochemical

signals or impulses from the

other nerves or brain or tis-

sues or organs at which the nerves end up. Nerves can be classified into the following, based on functionality: Motor Nerves: Motor neurons or motor nerves are capable of transmitting signals or impulses to all the muscles of the body from the spinal cord to the brain. The impulse allows for basic activities such as speaking, walking, drinking water, blinking eyes, sitting, sleeping, etc. Motor neuron damage can cause muscle weakness or muscle shrinkage. The nerve that goes from the bottom up to the buttocks

is known as the sciatic nerve.

The sciatic nerve allows the

whole leg which is a col-

lection of different nerves.

Some of those motor nerves

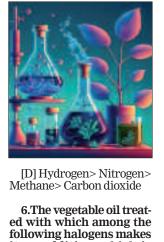
work in the hamstrings, feet,

thighs, and feet. Sensory Nerves: The sensory nerves or sensory neurons are responsible, in contrasting directions, for generating impulses or signals from another type of nerves known as motor neurons. The neurons of the senses gather information from the sensors present in the muscles, skin, and other internal organs such as pressure, pain, temperature etc. which in turn redirect it back to the brain and spinal cord. Such sensory nerves have the ability to transmit information relevant to the movement (except for the pupils, as they do so themselves). Damage to the sensory nerves may cause numbness, discomfort, tingling sensation, and hypersensitivity.

the lower side of the brain, there are 12 pairs of cranial nerves developing. The cra-

Trochassis, Trialogue, Enlists, Facial Nerve, Vestibulo Chloride, Lyme Pharyngeal, Wagons, Accessory in the spinal cord Nerves with hypoglossal

cranial nerves are crucial in smell, vision, movement of the face and eyes, movements of the tongue, and salivation.



natural citrus drink? [A] Chlorine [B] Bromine

[C] Strontium phosphate [D] Germanium tetrachlo-

[C] Dante [D] Shakespeare

[A] Hari Singh Burdak [B] Sagarmal Gopa [C] Kesari Singh Barahath 9. Who among the fol-

launching the environment movement? [B] Pat Hutchings

the book "Unhappy India" [B] Lala Hardayal

] Mahatma Gandhi

[D] Balgangadhar Tilak

10. Who among the fol-

lowing was the author of

[A] Romila Thapar [B] Irfan Habib [C] Arupjyoti Saikia

[D] Upinder Singh

1. B, 2. D, 3. D, 4. B, 5. A, 6.

What is Nervous Tissue? The primary tissue of our nervous system is the nervous or nerve tissue. It monitors and controls the body's functions. Nervous tissue consists of two cells: neurons or nerve cells and glial cells, which help to transmit nerve impulses and also provide nutrients to neurons

projections that arise from the cell and are responsible for interacting with other cells called the Target cells, thus passing on impulses. • The main component is the cell body that contains the nucleus, cytoplasm, and

organelles. Cell membrane

extensions are termed pro-

tions and activities. The nervous tissue is

cells – neurons and glial cells It consists of dendrites, ends of the cell body, axons, and nerves. The neurons secrete

chemical neurotransmitters

that stimulate other neurons

can't be broken and replaced (except memory cells) **Function of Nervous**

ters of chemical substances Reacts to stimuli · Carries out integration and communication

• Carries messages from

B| Romania and Bulgaria Sweden and Portugal

11. What is 'Senna spectabilis', recently seen in [A] Highly invasive tree

1. B, 2. D, 3. B, 4. A, 5. A, 6. C, 7. A, 8. C, 9. C, 10. B, 11. A, 12. A, 13. D, 14. C, 15. D. **Details overview of Nervous tissue**

Autonomic Nerves: The network of autonomic nerves regulates the actions of the heart muscles, including smooth muscles that are found in the stomach and interlinking glands and other organs. The autonomic nerves regulate the non-controlled, i.e. unconscious func-Cranial Nerves: On

nial nerves identified from forehead to back are listed below: Oculomotor Motor,